

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

SF-110

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

10/516,372

INTERNATIONAL APPLICATION NO.

PCT/IB03/02002

INTERNATIONAL FILING DATE

26 May 2003

PRIORITY DATE CLAIMED

31 May 2002

TITLE OF INVENTION

PROCESS FOR THE PREPARATION OF VANADYL SULFATE SOLUTION

APPLICANT(S) FOR DO/EO/US

Andries Gerhardus DORMEHL et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND OR SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)). (verified)
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). (verified)
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (3 pages, executed, attached to a copy of the International Application)
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:


11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. (2 pages total)
13. ☐ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification. (attached to a red-ink marked-up version of the English language translation)
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
 - Copy of Notification of Missing Requirements Under 35 U.S.C. 371
 - Certificate of Mailing by Express Mail (2 pages)
 - Return Receipt Postcard
 - Form PTO-1449 (1 page) and a copy of each and every non-U.S. Patent reference

I/ csh

EXPRESS MAIL NO.: EV579066945US

MAILED: 01 June 2005

CUSTOMER NO.: 42419

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/516,372		INTERNATIONAL APPLICATION NO. PCT/IB03/02002		ATTORNEY'S DOCKET NUMBER SF-110	
17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Basic National Filing Fee \$ 300.00 National Stage Search Fee \$ 500.00 National Stage Examination Fee \$ 200.00				CALCULATIONS	
				PTO USE ONLY	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$	0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims			X \$50.00		
Independent claims			X \$200.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00		
TOTAL OF ABOVE CALCULATIONS =				\$	130.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				+	
SUBTOTAL =				\$	130.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	
TOTAL NATIONAL FEE =				\$	130.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	
TOTAL FEES ENCLOSED =				\$	170.00
				Amount to be:	\$
				refunded	
				charged	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$170.00 to cover the above fee is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-3550</u> . A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:				 SIGNATURE	
Pauley Petersen & Erickson 2800 West Higgins Road, Suite 365 Hoffman Estates, Illinois 60195 (847) 490-1400 Fax: (847) 490-1403				Maxwell J. Petersen NAME	
				32,772	
				REGISTRATION NUMBER	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Andries Gerhardus DORMEHL
Patrick Albert MONAGHAN

Title: PROCESS FOR THE PREPARATION OF
VANADYL SULFATE SOLUTION

Serial No.: 10/516,372

Based Upon: PCT/IB03/02002

Express Mail No.: EV579066945US

Date of Deposit: 01 June 2005

Customer No.: 42419

CERTIFICATE OF MAILING BY EXPRESS MAIL

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that the following requisites of the subject patent application are being deposited with the United States Postal Service as Express Mail Post Office to Addressee No. EV579066945US, on 01 June 2005, and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, together with the items listed below.

- Transmittal Letter (Form PTO-1390) (2 pages), in duplicate

Serial No.: 10/516,372

- Executed German Language Declaration (3 pages), attached to a German language copy of the International Application
- First Information Disclosure Statement (2 pages), together with Form PTO-1449 (1 page), and with a copy of each and every cited non-U.S. Patent reference
- Recordation Form Cover Sheet, together with executed Assignment Document (2 pages total)
- A check in the amount of \$170.00 to cover the fees set forth in the Transmittal Letter
- Copy of the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US)
- Return Receipt Postcard

Respectfully submitted,



Maxwell J. Petersen
Registration No. 32,772

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TEL (847) 490-1400
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/516,372	Andries Gerhardus Dormehl	SF-110

INTERNATIONAL APPLICATION NO.

PCT/IB03/02002

I.A. FILING DATE	PRIORITY DATE
05/26/2003	05/31/2002

Pauley Petersen & Erickson
 2800 West Higgins Road
 Suite 365
 Hoffman Estates, IL 60195

RECEIVED

APR 11 2005

Pauley Petersen & Erickson

CONFIRMATION NO. 2863

371 FORMALITIES LETTER



OC000000015644728

Date Mailed: 04/04/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 11/30/2004
- Copy of the International Search Report filed on 11/30/2004
- Oath or Declaration filed on 11/30/2004
- Copy of references cited in ISR filed on 11/30/2004
- U.S. Basic National Fees filed on 11/30/2004
- Priority Documents filed on 11/30/2004
- Power of Attorney filed on 11/30/2004

Resp/Notice of Missing Reqs
 DOCKETED
 DATE 04 June 2005
 ATTORNEY MOB
 ENTERED: law CSH/law

003847

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Late oath or declaration Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/516,372	PCT/IB03/02002	SF-110

FORM PCT/DO/EO/905 (371 Formalities Notice)